

## ABSTRACT

A tincture adjustment value used to adjust a monochrome signal to a tincture desired by a user is set, and a tincture conversion table and chromaticity line table are generated based on that tincture adjustment value and the profile of an image output apparatus. Using the generated tables, a lightness signal  $L^*$  corresponding to an input monochrome signal is converted into a distance signal  $l$  on a chromaticity line, and the distance signal  $l$  is converted into a chromaticity signal ( $a^*, b^*$ ). The lightness signal  $L^*$  and chromaticity signal ( $a^*, b^*$ ) are converted into a color signal of the image output apparatus.